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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

A == ***		0000	lo file reference	<u> </u>	See Notificati	on of Transmittal of International	
Applicant's or agent's file reference TS 8580 PCT				FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
I Intornación approach				International filing date (da	ny/month/year)	Priority date (day/month/year) 19.07.2002	
PCT/EP 03/07860 18.07.2003 International Patent Classification (IPC) or both national classification							
		Paten	t Classification (IPC) or b	oth national classification and	a IPC		
C10L	_1/04				•		
Applic	ant	TER	NATIONALE RESE	ARCH MAATSCHAPPI	J B.V.		,
0112							
1.	This i Autho	ntern ority a	ational preliminary exa nd is transmitted to th	amination report has been e applicant according to A	prepared by this In rticle 36.	iternational Preliminary Examin	inġ
2.	2. This REPORT consists of a total of 5 sheets, including this cover sheet.						
	This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).						
	These annexes consist of a total of sheets.						
	Thio	ronoi	t contains indications	relating to the following ite	ems:		
3.	This report contains indications relating to the following items:						
	l n		Basis of the opinion Priority				
ľ	11			of oninion with regard to no	oveltv. inventive ste	p and industrial applicability	
	III IV		Lack of unity of inve			•	
	٧	×	Reasoned statemen	t under Rule 66.2(a)(ii) wi ations supporting such sta	th regard to novelty tement	, inventive step or industrial app	olicability;
	VI		Certain documents				
	VII			e international application			
	VIII			s on the international appl			
					Date of completion	of this report	
Date	e ot sub	omissi	on of the demand		Date of completion	J 19pv	
18.	02.20	04			16.11.2004		
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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International application No.

PCT/EP 03/07860

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 With regard to the elements of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

ı	Desc	ription, Pages	·				
1-9			as originally filed				
(Clair	ns, Numbers					
	1-13		as originally filed				
	Drav	vings, Sheets					
	1/2-2	•	as originally filed				
_		ith regard to the language , all the elements marked above were available or furnished to this Authority in the nguage in which the international application was filed, unless otherwise indicated under this item.					
	Thes	hese elements were available or furnished to this Authority in the following language: , which is:					
			nslation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of public	cation of the international application (under Rule 48.3(b)).				
		the language of a trar Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under				
3.	With	regard to any nucleo national preliminary e	otide and/or amino acid sequence disclosed in the international application, the examination was carried out on the basis of the sequence listing:				
		contained in the inter	national application in written form.				
			e international application in computer readable form.				
			tly to this Authority in written form.				
		furnished subsequen	tly to this Authority in computer readable form.				
		in the international a	ne subsequently furnished written sequence listing does not go beyond the disclosure oplication as filed has been furnished.				
		The statement that the listing has been furni	ne information recorded in computer readable form is identical to the written sequence shed.				
4.	The	amendments have re	esulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				

INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No.

PCT/EP 03/07860

This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims No:

1-13

Inventive step (IS)

Yes: Claims

Claims

Claims No:

1-13

Industrial applicability (IA)

Yes: Claims

1-13

No: Claims

2. Citations and explanations

see separate sheet

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

The following documents are referred to in this communication:

D1: US-A-3 545 902 (BAILEY FRANK W) 8 December 1970 (1970-12-08)

D2: US-A-5 807 413 (BERLOWITZ PAUL JOSEPH ET AL) 15 September 1998 (1998-09-15)

1. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 does not involve an inventive step in the sense of Article 33(3) PCT.

Document D1 (abstract), which is considered to represent the most relevant state of the art, discloses the use of a fuel oil, kerosene or gasoline in a multi-fuel blue flame burner.

The difference with claim 1 is that a Fischer-Tropsch derived fuel is not included in the possible fuels.

The problem to be solved by the present invention may be regarded as reducing carbon deposits and emissions of unburned hydrocarbons and carbon monoxide, as well as any significant odour, during the use of the fuel in the blue flame burner.

The solution proposed in claim 1 of the present application cannot be considered as involving an inventive step because it is generally known to the person skilled in the field of fuels, that a Fischer-Tropsch derived fuel is an equivalent to the mineral-oil derived fuels of document D1, and can be interchanged with these fuels, in the multi-fuel burner, without the exercise of inventive skill.

Moreover, it is known to the skilled person that a Fischer-Tropsch derived fuel also causes less carbon deposits, no significant odour and reduced carbon monoxide and unburned hydrocarbon emissions (D2: col.5, ln.14-25, concerning F-T fuel (C); Table 5). The skilled person would therefore regard it as a normal option to use a Fischer-Tropsch derived fuel as the synthetic fuel in the process of D1, thereby arriving at a process according to claim 1.

2. Dependent claims 2-13 do not appear to contain any additional features which, in

INTERNATIONAL PRELIMINARY International application No. PCT/EP 03/07860 EXAMINATION REPORT - SEPARATE SHEET

combination with the features of any claim to which they refer, meet the requirements of the PCT with respect to inventive step, the reasons being as follows:

- i. The additional features of claims 4 and 5 are disclosed in document D1 (abstract).
- ii. The additional features of claims 2,3,6-13 come within the scope of the customary practice followed by persons skilled in the art, especially as the advantages thus achieved can be readily contemplated in advance. Consequently, the subject-matter of claims 2-5 and 10-16 also appears to lack an inventive step.